

Patent Abstracts of Japan

PUBLICATION NUMBER : 10174406
PUBLICATION DATE : 26-06-98

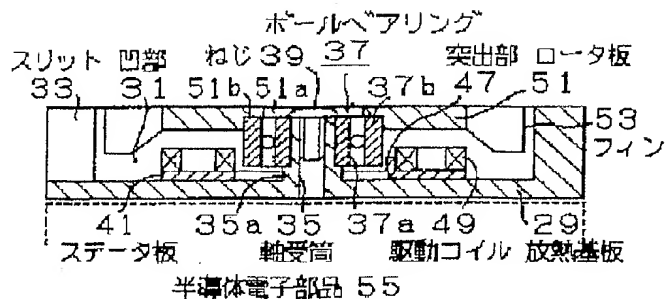
APPLICATION DATE : 13-12-96
APPLICATION NUMBER : 08352380

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INT.CL. : H02K 29/00 H02K 9/22 H02K 21/24 //
H02K 7/08

TITLE : BRUSHLESS FAN MOTOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide an ultra-thin type brushless fan motor.

SOLUTION: An inner race 37a of one ball bearing 37 is supported against a bearing cylinder 35, protruding from a radiating base plate 29. A ring-shaped ferromagnetic stator plate 41 is fixed on the radiating base plate 29 so as to surround the bearing cylinder 35. A plurality of driving coils 49 are disposed on a stator plate 41 in an annular plate shape. An N-pole and an S-pole are magnetized alternately, and a ferromagnetic rotor plate 51 provided with a plurality of fins protruding around them is placed on the outer race 37b of the ball bearing 37 to face the stator plate 41. The rotor plate 51 is held by magnetic attracting force in a space to the stator plate 41.

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